

# FRASCA 300H/205 ... more simulator for the dollar

Governments and large corporations worldwide are turning to Frasca for practical solutions to flight simulation problems. That's why we're pleased to present the Frasca 300H / Bell 205 configuration (military version UH-1H). The 300H/205 duplicates one of the world's most widely used helicopters. With skyrocketing operating costs and worldwide fuel

shortages, the Frasca 300H/205 is not only the best answer to flight training needs, it's also the most affordable.

Each 300H is built to order. You can configure a Bell 205, UH-1H, 212, Agusta 109, or any other model you want. You'll even get accurate engine simulation from start-up to shut-down.

## Instrument Panel

### Pilot

- Airspeed indicator
- 4" attitude indicator
- Altimeter (three needle sensitive)
- Turn and slip indicator
- Vertical speed indicator
- Dual tachometer
- Dual needle RMI
- Torque gauge
- Exhaust temperature indicator
- Gas producer tachometer
- 8-day clock
- CDI with glide slope
- Marker light
- Sensitivity switch

### Co-Pilot

- Airspeed indicator
- 3½" attitude indicator
- Altimeter (three needle sensitive)
- Vertical speed indicator
- DME
- Dual needle RMI

### Center Panel

- Engine oil pressure
- Engine oil temperature
- Transmission oil pressure
- Transmission oil temperature
- Fuel quantity gauge
- AC volt meters
- DC volt meters
- Load meter
- Fuel controls

- Audio selector panels
- Radios and other avionics as ordered

### Overhead Panel

All electrical, lighting, and environmental controls normally found on the model simulated.

The collective lever, cyclic stick, and anti-torque pedals will perform the same function as those in an aircraft.

## Flight Computer Performance Capabilities

The Frasca 300H/205 can perform all maneuvers encountered in normal instrument flight. Special additional capabilities include hover, translational flight, and auto rotation.

Control appearance, movement, and response will be representative of the class and type of helicopter simulated.

## Instructor's Console

The Frasca 300H instructor's console comes with infinitely variable radio stations that allow the instructor to duplicate radio navigation areas for any part of the world. The instructor can change station type and location at any time—even during an instruction period.

A special feature of the 300H/205 is a portable instructor's panel that allows the instructor to control most functions of the regular instructor's panel while sitting next to the student.



- Wind control up to 80 kts (infinitely variable direction)
- Barometric pressure control (sea level pressure 29.40" to 30.40")
- Airfield elevation control (0-10,000 ft)
- Failure controls:

Oil temperature variation (engine and transmission)

Oil pressure variation (engine and transmission)

Instructor control of altitude and heading

Total freeze or independent axis freeze

Gross weight variation

Fuel pressure variation

Fuel quantity variation

Marker beacon failure

Volt meter variation

Glide slope failure

NAV 1 failure

CG variations

OAT variation

ADF failure

DME failure

Pitot ice

Hung start

Tail rotor failure

Engine ice

High and low governor failure

Engine failure

Fire warning

Heater system failure

Generator failure

Main and standby inverter failure

Low battery

Hot start

## Ground Path Recorder

- X-Y plotter with site setting and instructor's controls
- Scale of 1" = 2.5 nm
- Plotting area of 97.5 x 135 nm

## Power Requirements

110 V, 50 or 60 HZ, less than 10 KVA

## Prices

Price schedules and other information available on request.

# FRASCA

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